

ABSTRACT

A plastic screw closure for bottles comprising a cap having a substantially cylindrical peripheral portion (1) with an internal screw thread (8) for screwing onto an external screw thread (11) of a bottleneck (10), and with a disc-like top plate portion (2). A substantially cylindrical sealing strip (4) which extends axially from the inside of the top plate portion (2) has an outside diameter at least equal to the bottleneck's outside diameter (D) and an inside diameter ($2r_2$) smaller than the bottleneck's outside diameter (D). Inside the cylindrical sealing strip (4), a further, substantially cylindrical sealing olive-shaped button (3) is radially fitted, the outside diameter ($2R_1$) of which, at least in the area near the top plate and opposite the sealing plate (4), is larger than the inside diameter (d) of the bottleneck (10).